

RAW SEQUENCE LISTING

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Application Serial Number: 10/525,955A
Source: PCR
Date Processed by STIC: 3/3/06

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PCT

RAW SEQUENCE LISTING

DATE: 03/03/2006

PATENT APPLICATION: US/10/525,955A

TIME: 13:03:38

Input Set : A:\3652-50 Sequence Listing.txt

Output Set: N:\CRF4\03032006\J525955A.raw

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3 <110> APPLICANT: Rehm, Bernd H.A.
5 <120> TITLE OF INVENTION: Method for producing biodegradable, functionalised, polymer
6   particles, and use of the same as medicament carriers
8 <130> FILE REFERENCE: P510596
10 <140> CURRENT APPLICATION NUMBER: US/10/525,955A
11 <141> CURRENT FILING DATE: 2005-02-28
13 <150> PRIOR APPLICATION NUMBER: PCT/DE03/002799
14 <151> PRIOR FILING DATE: 2003-08-22
16 <150> PRIOR APPLICATION NUMBER: DE 102 40 034.0
17 <151> PRIOR FILING DATE: 2002-08-30
19 <160> NUMBER OF SEQ ID NOS: 15
21 <170> SOFTWARE: PatentIn version 3.3
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25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Primer
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38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Primer
43 <400> SEQUENCE: 2
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48 <211> LENGTH: 708
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Sequence contains phaP-coding DNA from R. eutropha
55 <400> SEQUENCE: 3
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58 acgctgttcg gcctgaccac caaggcggtt gaaggcgctg aaaagctcgt cgagctgaac                120
60 ctgcaggctc tcaagacttc gttcgagaaa ggcggttgaca acgccaagaa ggcgctgtcg                180
62 gccaaaggac cacaggaaact gctggccatc caggccgcag ccgtgcagcc ggttgccgaa                240
64 aagaccctgg cctacacccg ccacctgtat gaaatcgctt cggaaaccca gagcgagttc                300
66 accaaggtag ccgaggctca actggccgaa ggctcgaaga acgtgcaagc gctggtcgag                360
68 aacctcgcca agaacgcccc ggccgggttc gaatcgaccg tggccatcgt gaagtcggcg                420
70 atctccgctg ccaacaacgc ctacgagtcg gtgcagaagg cgaccaagca agcggtcgaa                480

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74 agcgccacgg cccgtacggc cacggcaaaag aagacgacgg ctgcctgata actgcctgcg 600
76 ttgaagatgg accggctgcg gccgggtccgt tggcaaagca tatcgacgcc tggcgtttgc 660
78 ggtgtgtttt gccaacgatg aaggtagtgc cctgaggatc cggccttt 708
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82 <211> LENGTH: 34
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Primer
89 <400> SEQUENCE: 4
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93 <210> SEQ ID NO: 5
94 <211> LENGTH: 39
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Primer
101 <400> SEQUENCE: 5
102 aaagggggat cctcagatca ggggtaccgg gcctgtctg 39
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 793
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Sequence contains phaF-coding DNA from P. oleovorans
113 <400> SEQUENCE: 6
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118 aggacggccc gaagctgttc gactcgctgg taaaggatgg cgagaaggcc gagaaacagg 180
120 cgaagaagac cgcagaagat gttgctgaaa ctgccaaagtc gtcgaccact tcgctgtgtg 240
122 cgggcgtgaa ggaccgtgcg ctaggcaagt ggagcgaact cgaagaggcc ttcgacaagc 300
124 gcctgaacag tgccatctcg cgccttggcg tgccgagccg caacgagatc aaggccctgc 360
126 accagcaggt ggacagcctg accaagcaga tcgagaaact caccggcgct tcggttacc 420
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136 ccgccaagcc ggcagctcca gcggccagcg ccgctccggc cgctagcgca gttcggcgcc 720
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145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Primer
151 <400> SEQUENCE: 7
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155 <210> SEQ ID NO: 8
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160 <220> FEATURE:
161 <223> OTHER INFORMATION: Primer
163 <400> SEQUENCE: 8
164 aaacgcggat ctttttcac gttcatgca 29
167 <210> SEQ ID NO: 9
168 <211> LENGTH: 1722
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Sequence contains the DNA coding for PhaC1 from P.
aeruginosa
175 <400> SEQUENCE: 9
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178 caagccgcgg aaaacacgct gaacctgaat ccggtgatcg gcatccgggg caaggacctg 120
180 ctcacrtccg cgcgcatggt cctgctccag gcggtgcgcc agcgctgca cagcgccagg 180
182 cagctgycgc atttcagcct ggagctgaag aacgtcctgc tcggccagtc ggagctacgc 240
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196 ggcgccgtgg tgttcgcaa cgacgtgctg gaactgatcc agtaccggcc gatcaccgag 660
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226 gcacgcttca tgaccaatcc ggaactgccc gccgagccca aggcctggct ggaacaggcc 1560
228 ggcaagcacg ccgactcgtg gtggttgcac tggcagcaat ggctggccga acgctcgggc 1620
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236 <211> LENGTH: 36
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:

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241 <223> OTHER INFORMATION: Primer

243 <400> SEQUENCE: 10

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247 <210> SEQ ID NO: 11

248 <211> LENGTH: 36

249 <212> TYPE: DNA

250 <213> ORGANISM: Artificial Sequence

252 <220> FEATURE:

253 <223> OTHER INFORMATION: Primer

255 <400> SEQUENCE: 11

256 tatgtttatc atcatcatct ttataatcac tagtca 36

259 <210> SEQ ID NO: 12

260 <211> LENGTH: 1716

261 <212> TYPE: DNA

262 <213> ORGANISM: Artificial Sequence

264 <220> FEATURE:

265 <223> OTHER INFORMATION: Sequence contains the DNA coding for PhaC1 from P.
aeruginosa and

266 the DNA coding for a FLAG epitope

268 <400> SEQUENCE: 12

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273 aaggacctgc tcacctccgc gcgcatggtc ctgctccagg cggatgcgca gccgctgcac 180

275 agcgccaggc acgtggcgca tttcagcctg gagctgaaga acgtcctgct cggccagtcg 240

277 gagctacgcc caggcgatga cgaccgacgc ttttccgatc cggcctggag ccagaatcca 300

279 ctgtacaagc gctacatgca gacctacctg gcctggcgca aggagctgca cagctggatc 360

281 agccacagcg acctgtcgcc gcaggacatc agtcgtggcc agttcgatcat caacctgctg 420

283 accgaggcga tgtcgccgac caacagcctg agcaacccgg cggcggtcaa gcgcttcttc 480

285 gagaccggcg gcaagagcct gctggacggc ctcggccacc tggccaagga cctggtgaac 540

287 aacggcgggg tgccgagcca ggtggacatg gacgccttcg aggtgggcaa gaacctggcc 600

289 accaccgagg gcgccgtggt gttccgcaac gacgtgctgg aactgatcca gtaccggccg 660

291 atcaccgagt cggatgcacga acgcccgtg ctggtggtgc cgccgcagat caacaagttc 720

293 tacgtcttcg acctgtcgcc ggacaagagc ctggcgcgct tctgcctgcg caacggcgtg 780

295 cagaccttca tcgtcagttg gcgcaacccg accaagtgcg agcgcgatg gggcctgacc 840

297 acctatatcg aggcgtcaa ggaggccatc gaggtagtcc tgtcgatcac cggcagcaag 900

299 gacctcaacc tctcggcgcc ctgctccggc gggatcacca ccgcgaccct ggtcggccac 960

301 tacgtggcca gcggcgagaa gaagggtcaac gccttcaccc aactggtcag cgtgctcgac 1020

303 ttcgaactga ataccaggt cgcgctgttc gccgacgaga agactctgga ggccgccaag 1080

305 cgtcgttccct accagtccgg cgtgctggag ggcaaggaca tggccaaggt gttcgccctg 1140

307 atgcgccccca acgacctgat ctggaactac tgggtcaaca actacctgct cggcaaccag 1200

309 ccgcccggcg tcgacatcct ctactggaac aacgacacca cgcgcctgcc cgccgcgctg 1260

311 cacggcgagt tcgtcgaact gttcaagagc aaccgcgtga accgccccgg cgccctggag 1320

313 gtctccggca cgcccatcga cctgaagcag gtgacttgcg acttctactg tgtcgccggt 1380

315 ctgaacgacc acatcacccc ctgggagtcg tgctacaagt cggccaggct gctgggtggc 1440

317 aagtgcgagt tcatcctctc caacagcggg cacatccaga gcatcctcaa cccaccgggc 1500

319 aacccccaaag cacgcttcat gaccaatccg gaactgcccg ccgagcccaa ggccctggctg 1560

321 gaacaggccg gcaagcacgc cgactcgtgg tgggtgcaact ggcagcaatg gctggccgaa 1620

323 cgctccggca agaccgcaa ggcgcccggc agcctgggca acaagaccta tccggccggc 1680

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328 <210> SEQ ID NO: 13

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333 <220> FEATURE:
334 <223> OTHER INFORMATION: Primer
336 <400> SEQUENCE: 13
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341 <211> LENGTH: 41
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Primer
348 <400> SEQUENCE: 14
349 ccactagttt tttgacacca gaccaactgg taatggtagc g                                     41
352 <210> SEQ ID NO: 15
353 <211> LENGTH: 3088
354 <212> TYPE: DNA
355 <213> ORGANISM: Artificial Sequence
357 <220> FEATURE:
358 <223> OTHER INFORMATION: Sequence contains the lac-Z gene from E. coli
360 <400> SEQUENCE: 15
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365 gtaatagcga agaggcccg accgatcgcc ctcccaaca gttgcgcagc ctgaatggcg      180
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411 atattatttg cccgatgtac gcgcgcgtgg atgaagacca gcccttccc gctgtgccga     1560
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